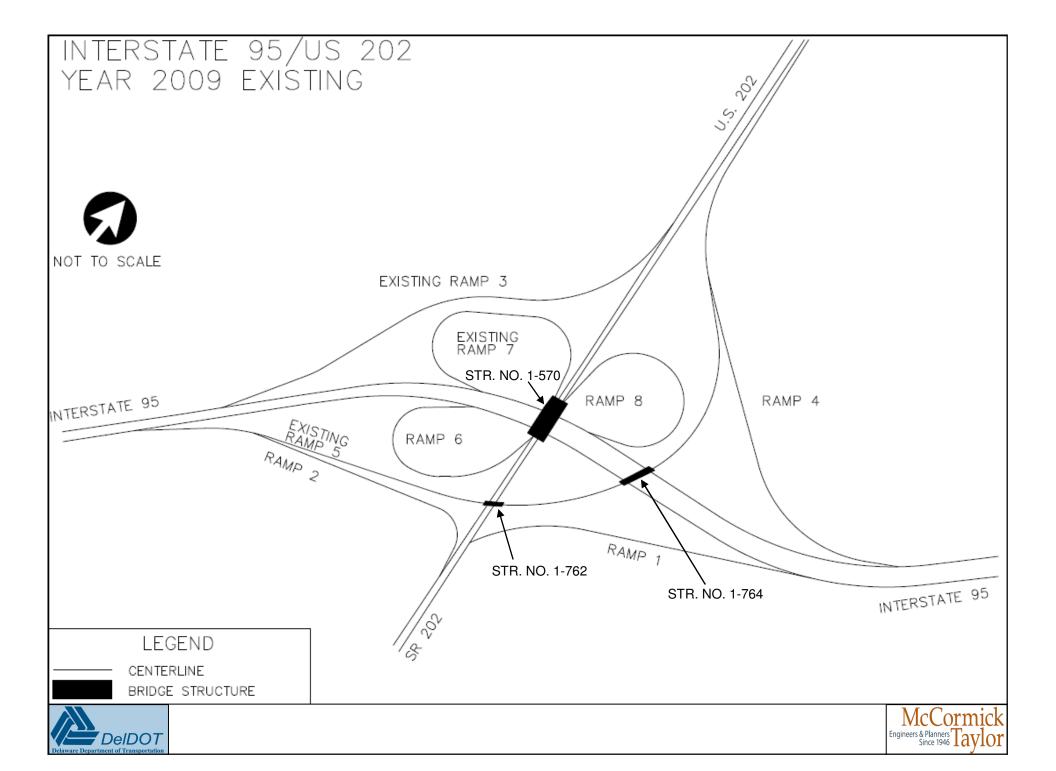
Presentation to:

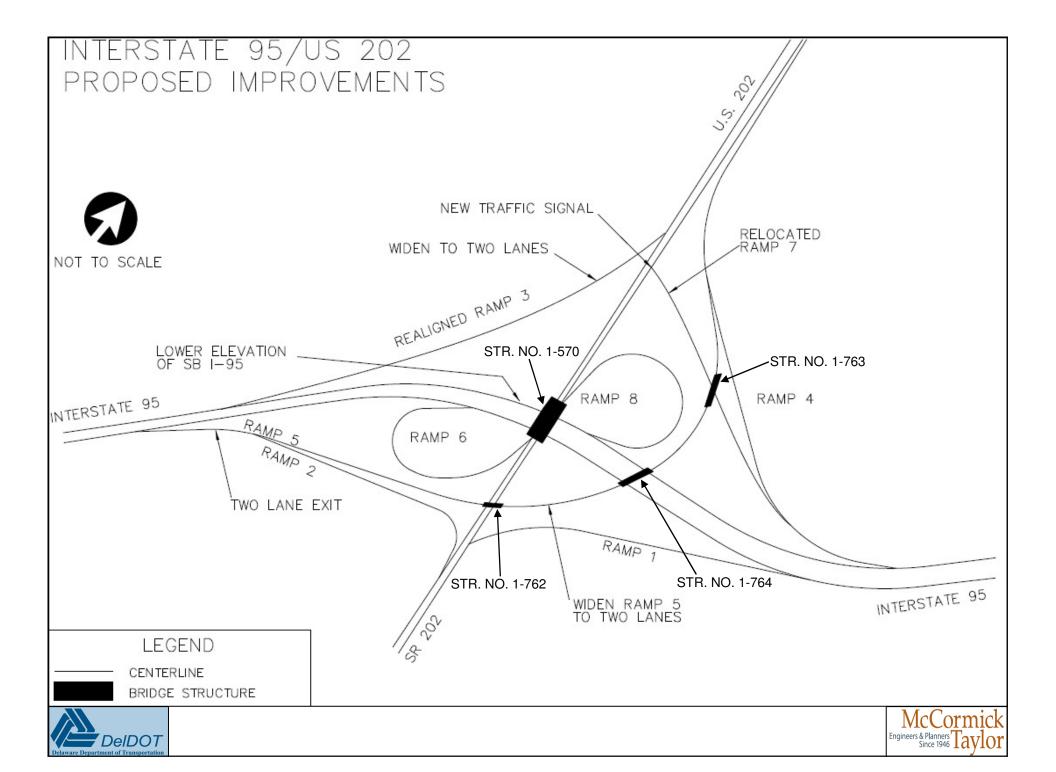
North New Castle County Transportation Management Team
By: McCormick Taylor, Inc.
May 16, 2011

- Estimated Construction Schedule: Sept. 2011 to August 2014
- Interchange Improvements:
 - Add lanes to I-95 ramps heading to and from US 202
 - Realign and reconstruct certain interchange ramps to address capacity and safety issues
 - Lower SB I-95 at US 202 to address existing clearance issue
 - Reconstruct US 202 bridge deck
 - Install new sign structures
 - Reconstruct pavement on I-95









- Work Zone Traffic Impacts During Construction:
 - Various lane shifts, reduced lane widths, and shoulder closures
 - Some off-peak lane closures (overnight and middle of day), but most of the time, all lanes will remain open
 - Closures of I-95, US 202, and some ramps required at times:
 - Estimated total of 6 weekends and 12 weeknights during entire threeyear construction period, for bridge beam placements and removals
 - Ramp 8 from NB US 202 to SB I-95 will be closed for approx. 1 month
 - Occasional 15-minute stoppages of I-95 (during overnight hours)
 - I-495 will be recommended alternative route for I-95 through traffic
 - Detours will be posted for local traffic
 - Emergency Vehicle Access
- Construction to be completed in three phases, each with multiple stages





Phase 1:

- Construct new Ramp 5 and remove existing Ramp 5
- Widen Ramp 2
- Widen NB I-95 approaching Ramps 2 and 5
- Lengthen Ramp 6 accel lane onto NB I-95
- Construct new Ramp 7 and remove existing Ramp 7
- Reconstruct Ramp 4

Phase 2:

- Construct new Ramp 3 and remove existing Ramp 3
- Reconstruct and lower SB I-95 (Ramp 8 closed for one month)

Phase 3:

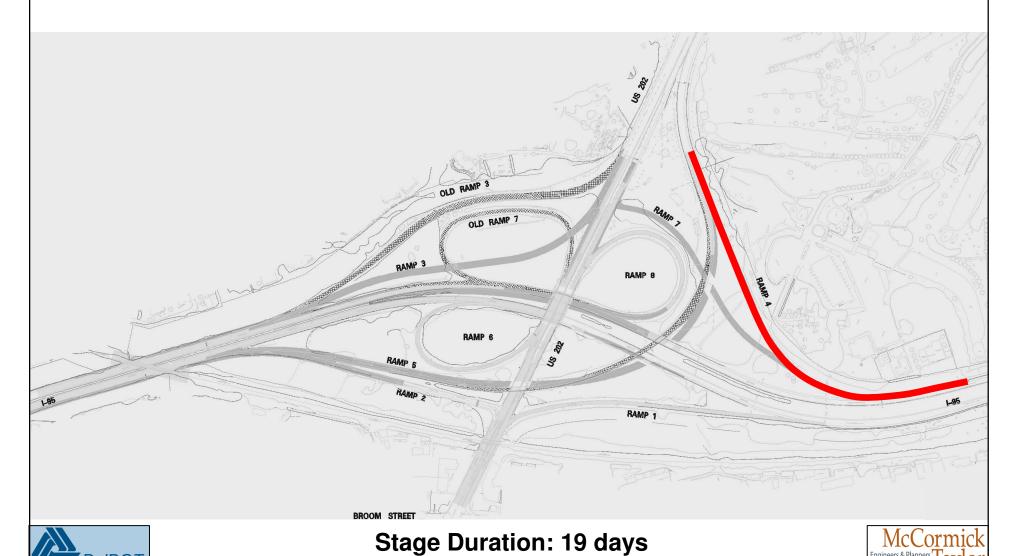
- Reconstruct US 202 bridge deck
- Mill and overlay pavement, place final pavement markings

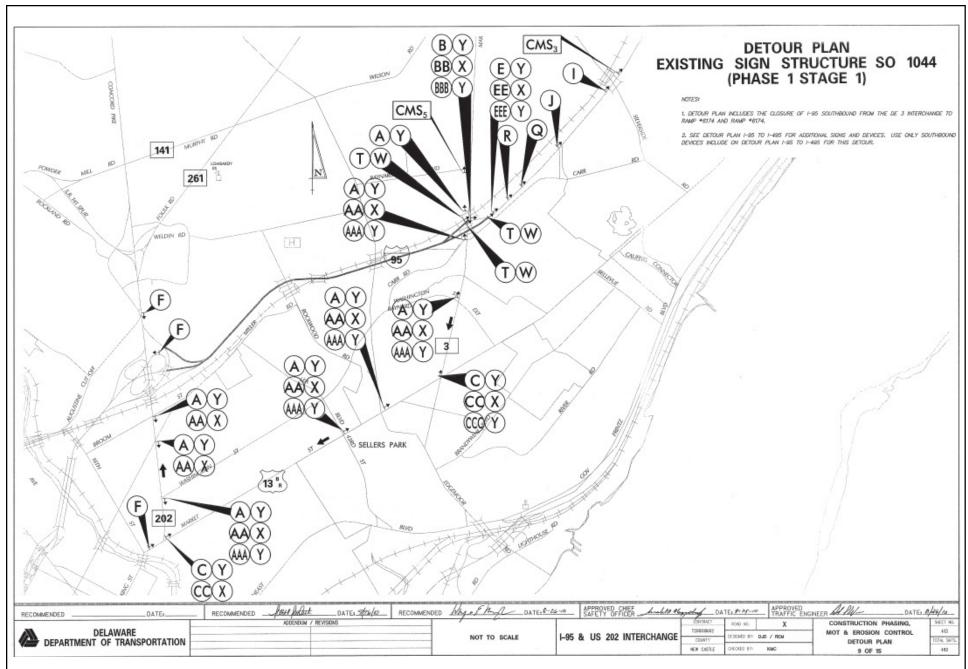




 Close & detour SB I-95 and Ramp 4 (weeknight overnight hours)

Phase 1, Stage 1 Work Areas

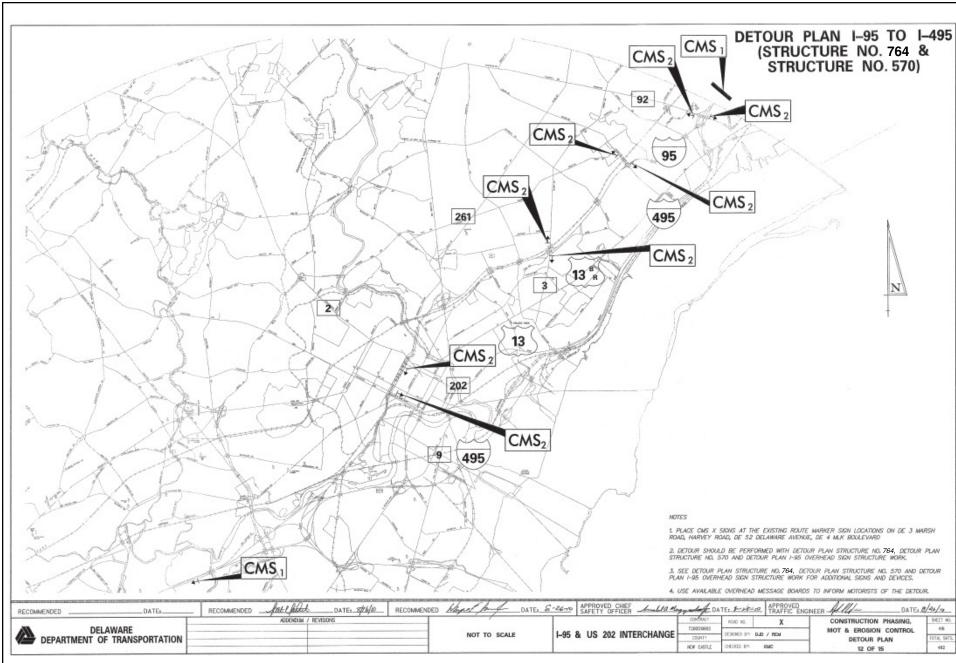
















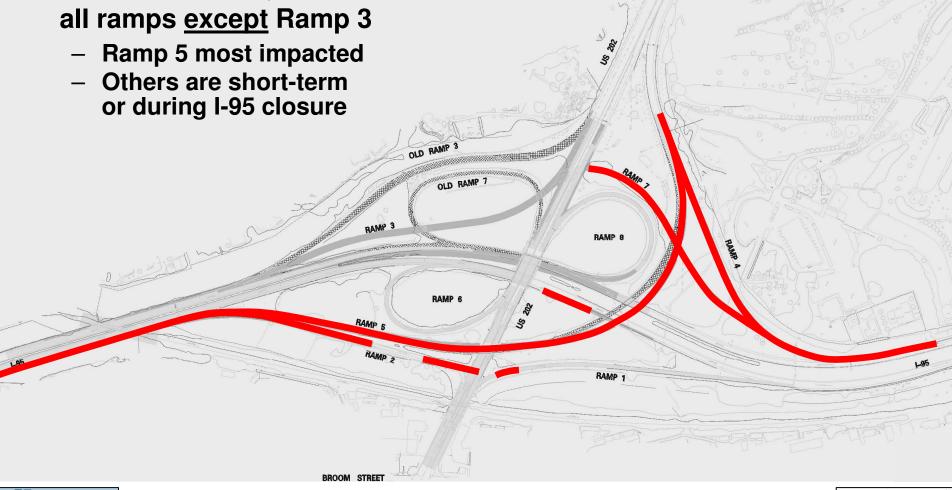


- Close & detour I-95 (two weekends)
- Close & detour US 202 (two weekends)

At various times, close & detour

all ramps except Ramp 3

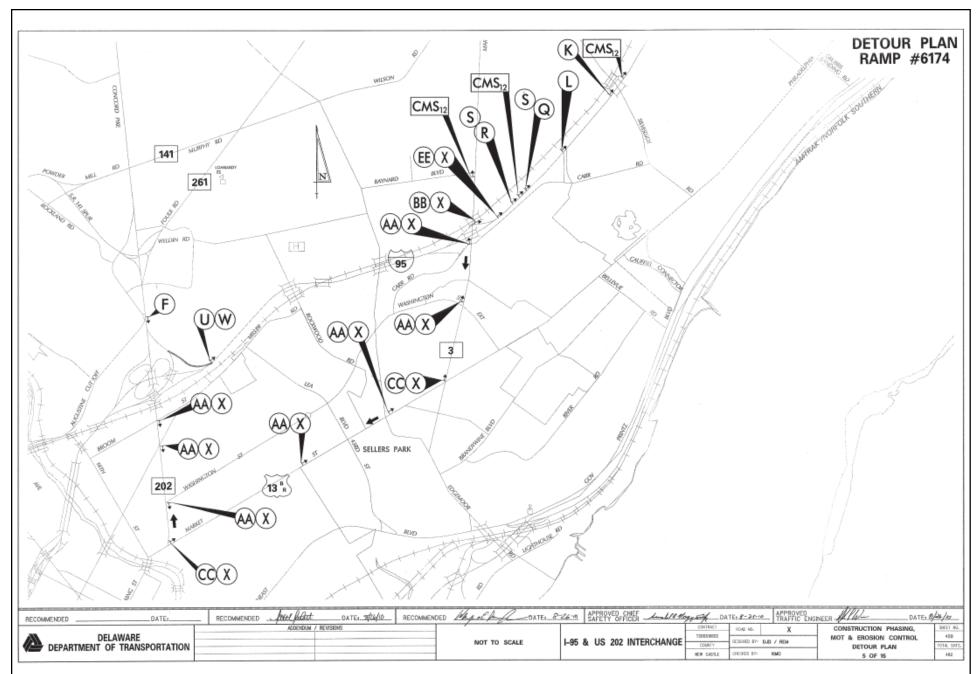






Stage Duration: 336 days

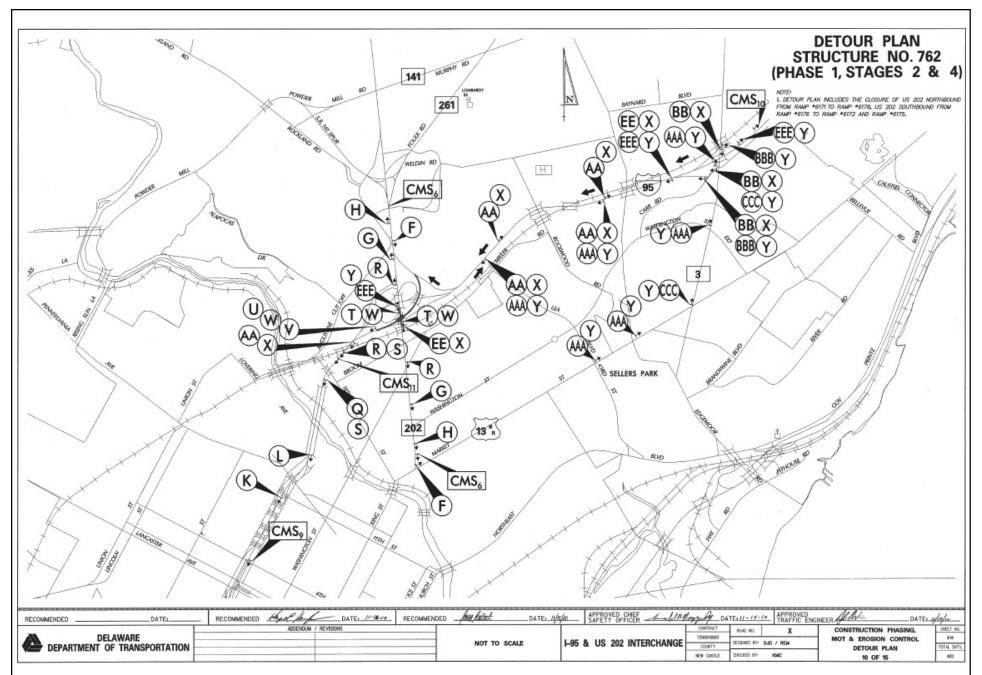






Ramp 4 Detour

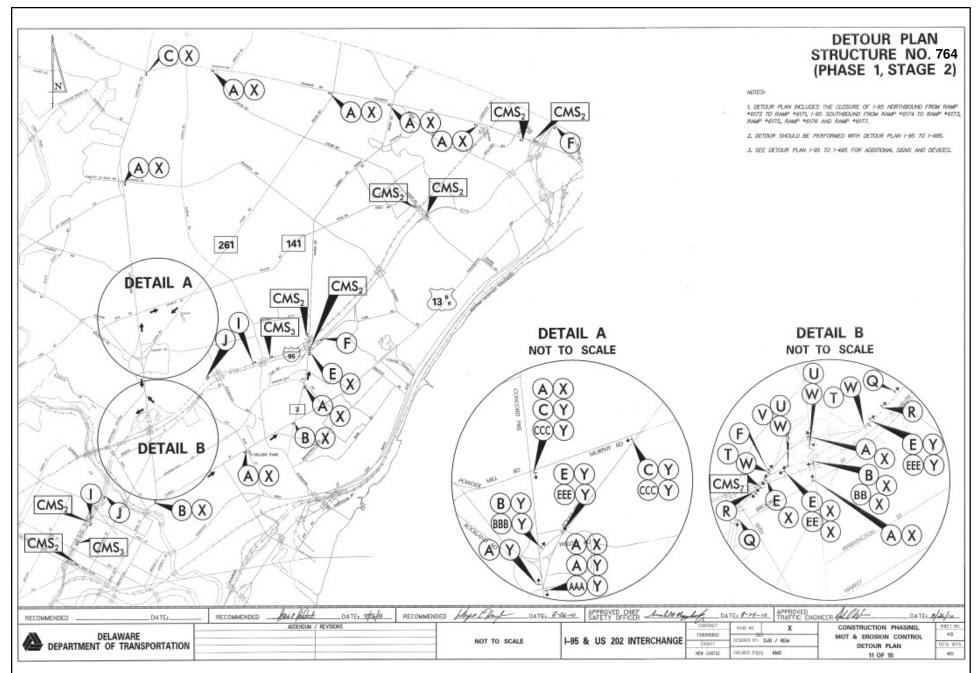






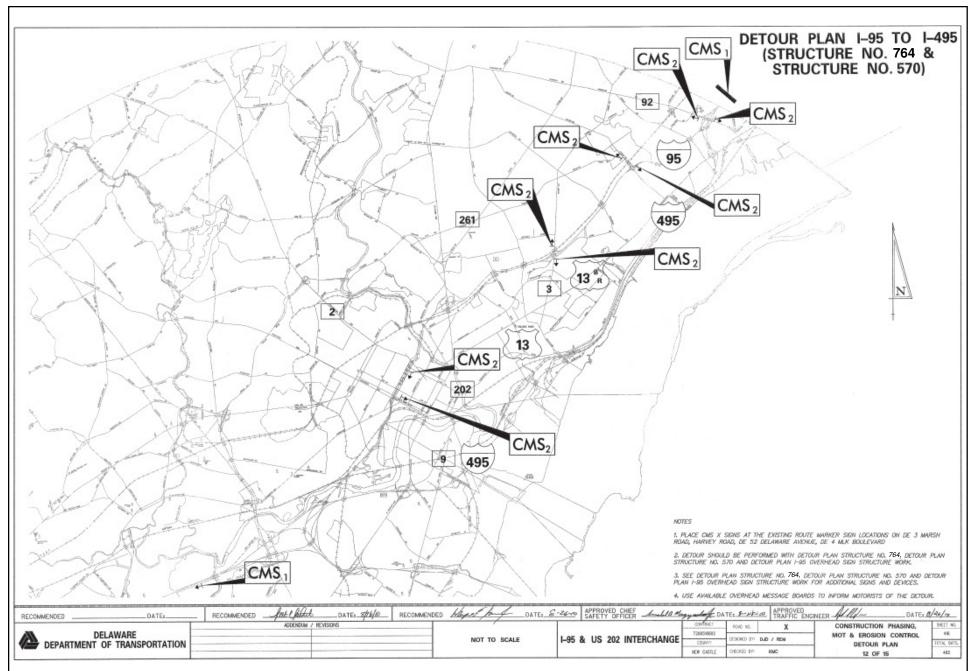








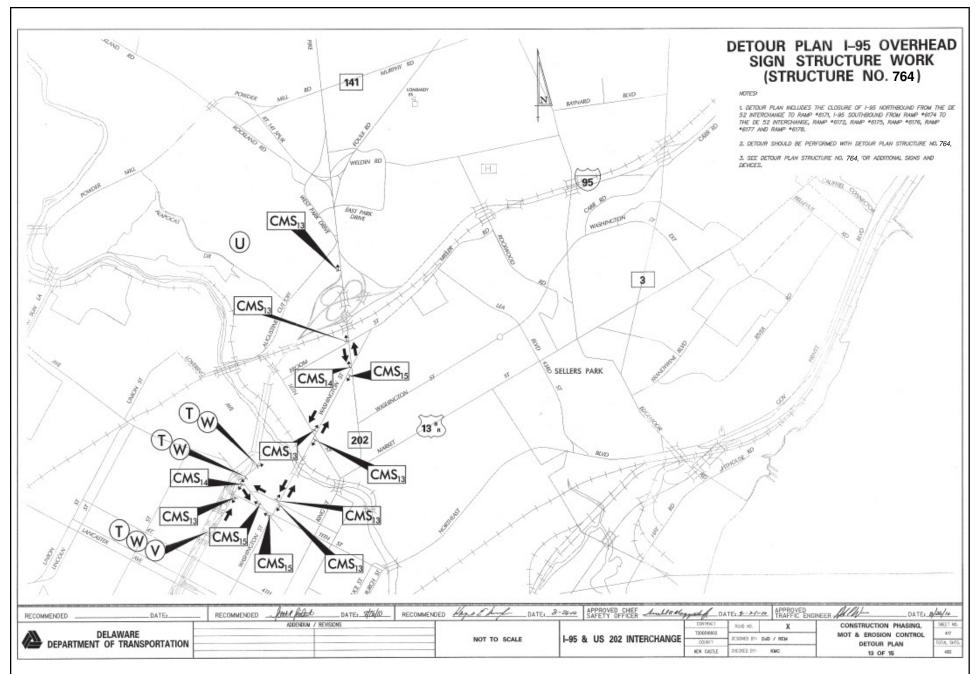






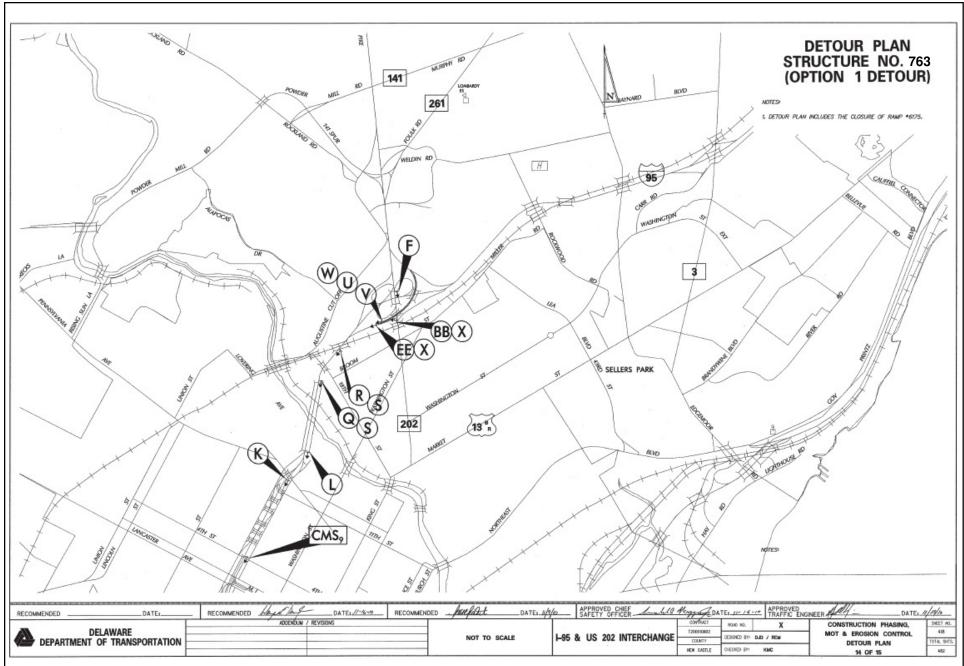








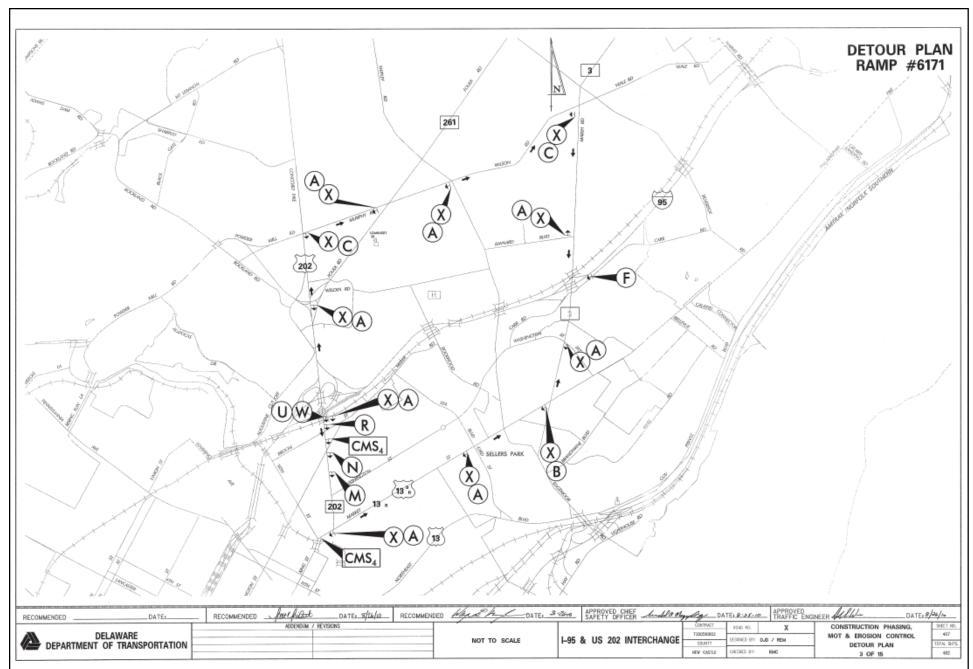












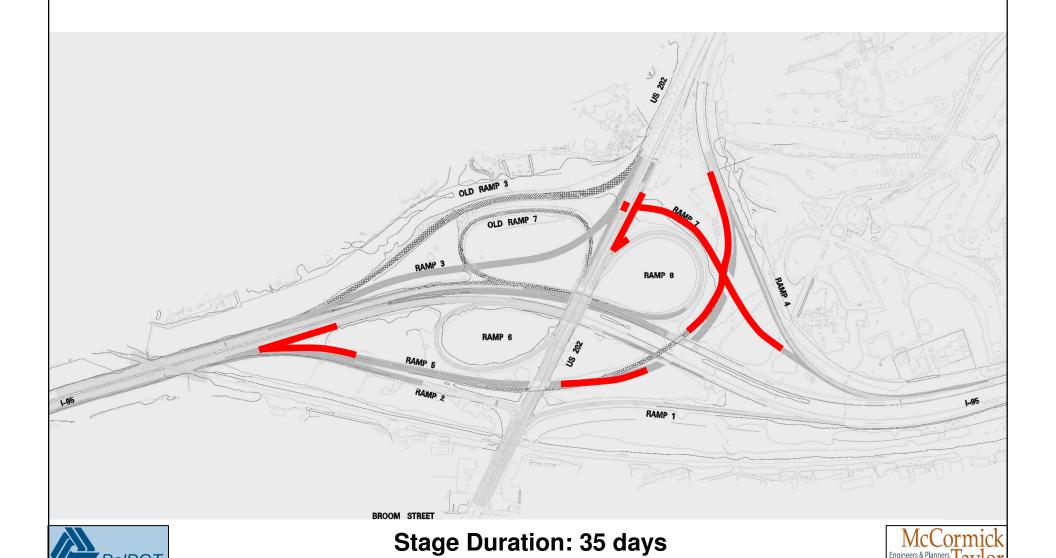


Ramp 1 Detour



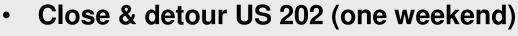
No road or ramp closures or detours

Phase 1, Stage 3 Work Areas

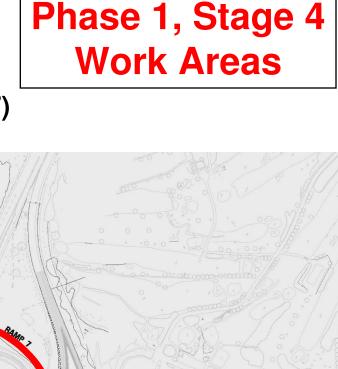


- Close & detour Ramp 4
- Open New Ramp 7 (remove Existing Ramp 7)

Close & detour I-95 (two weekends)



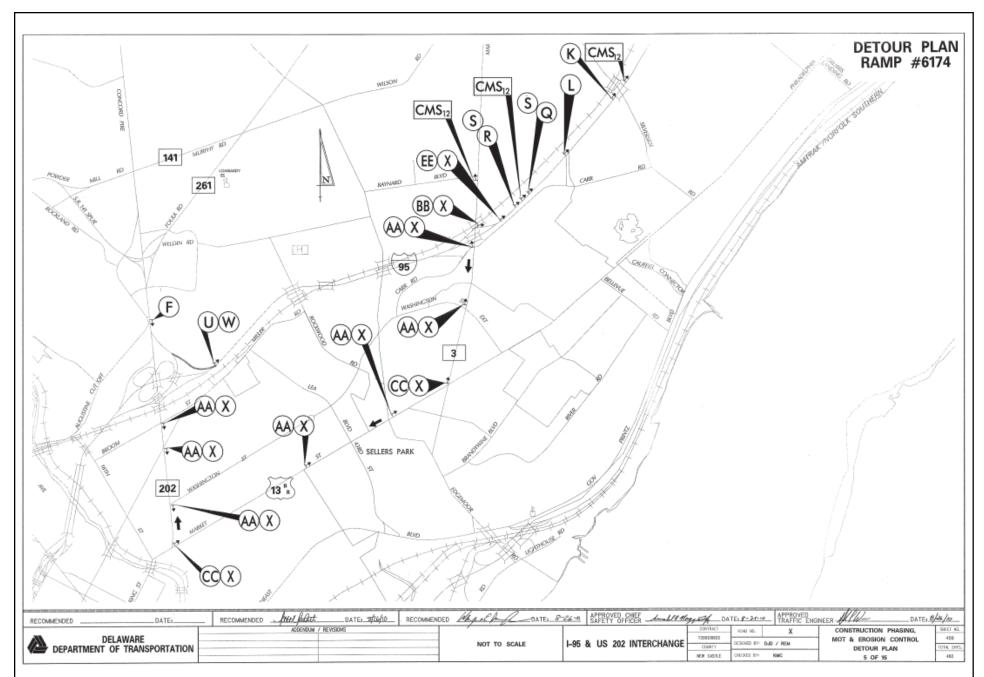
 At various times, close & detour Ramps 5, 6, and 7





Stage Duration: 280 days

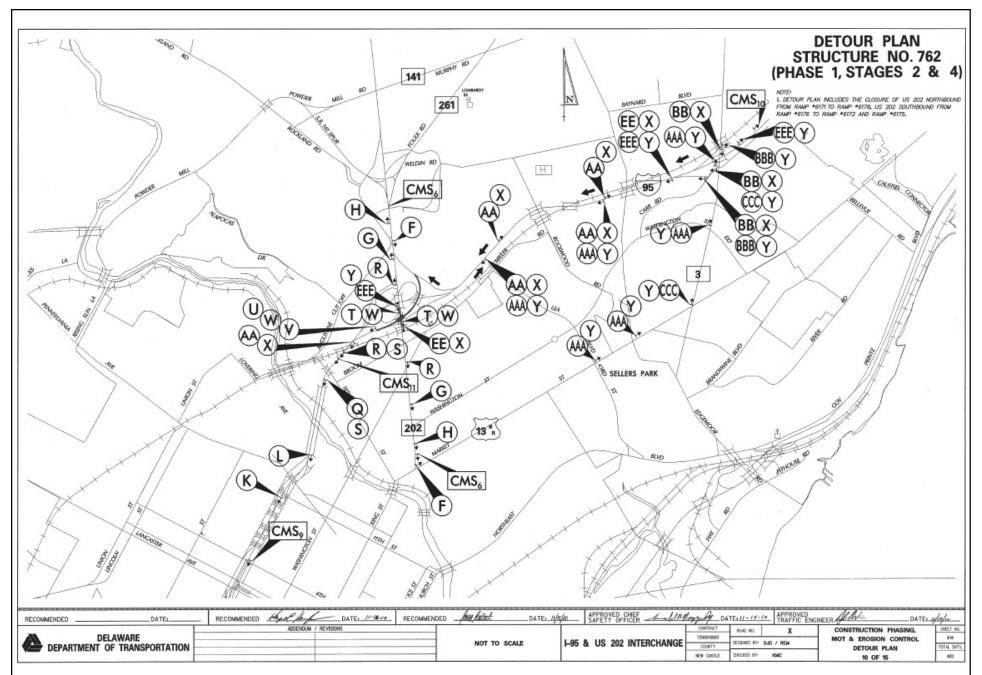






Ramp 4 Detour

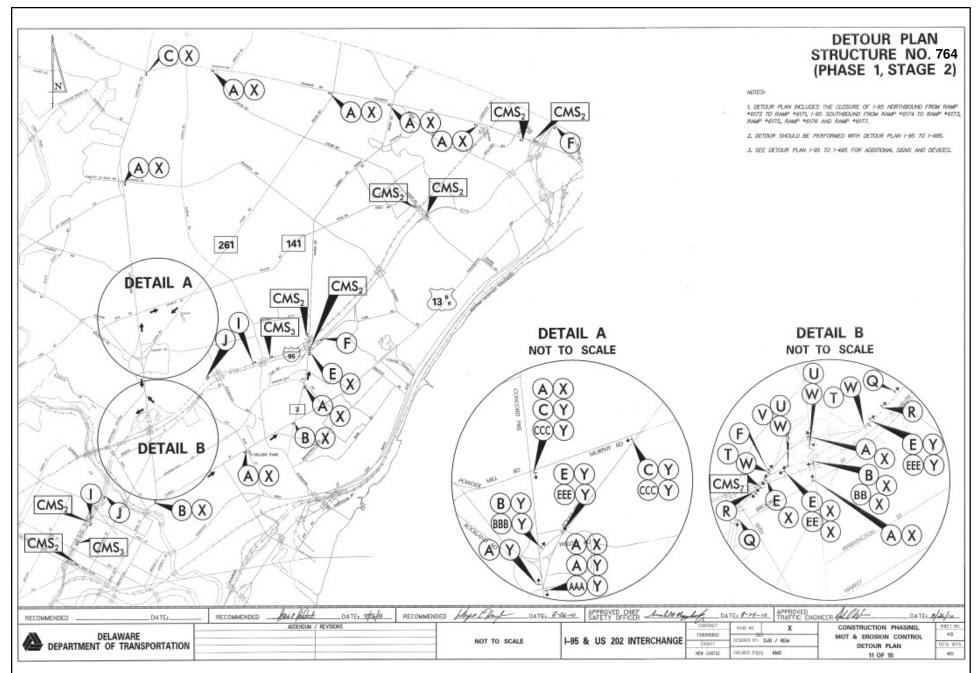






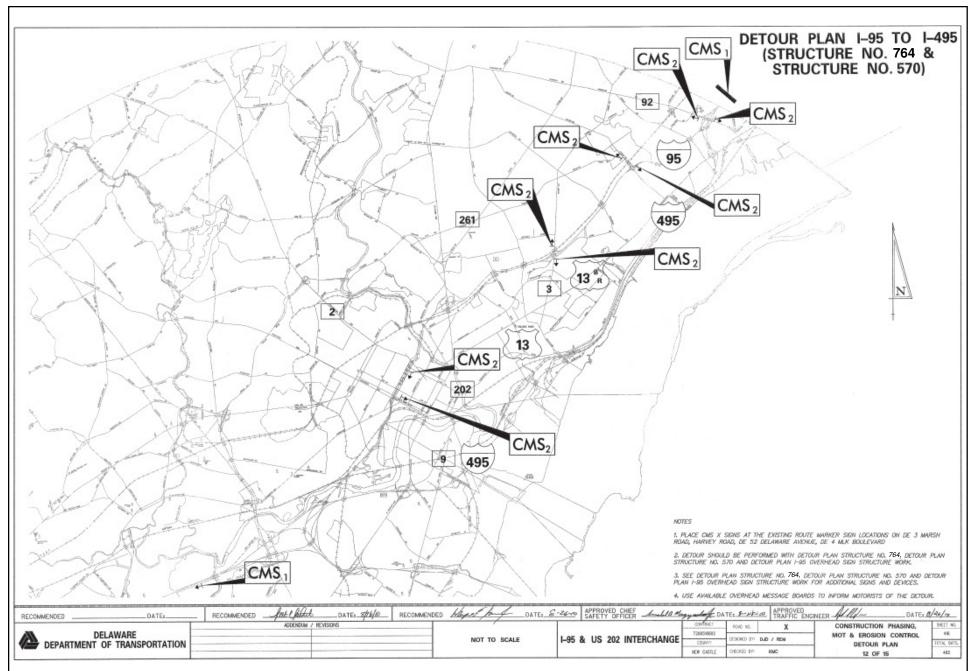












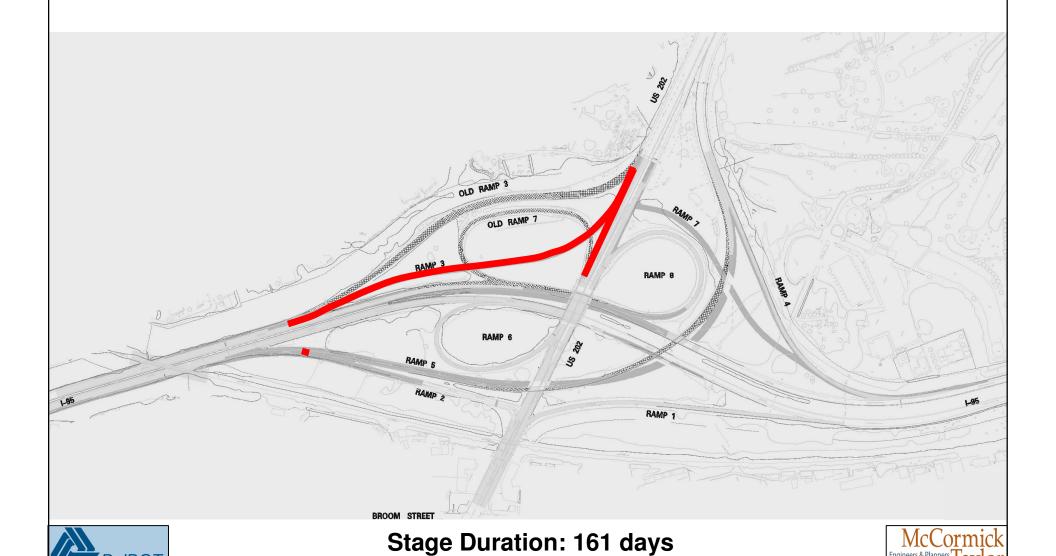


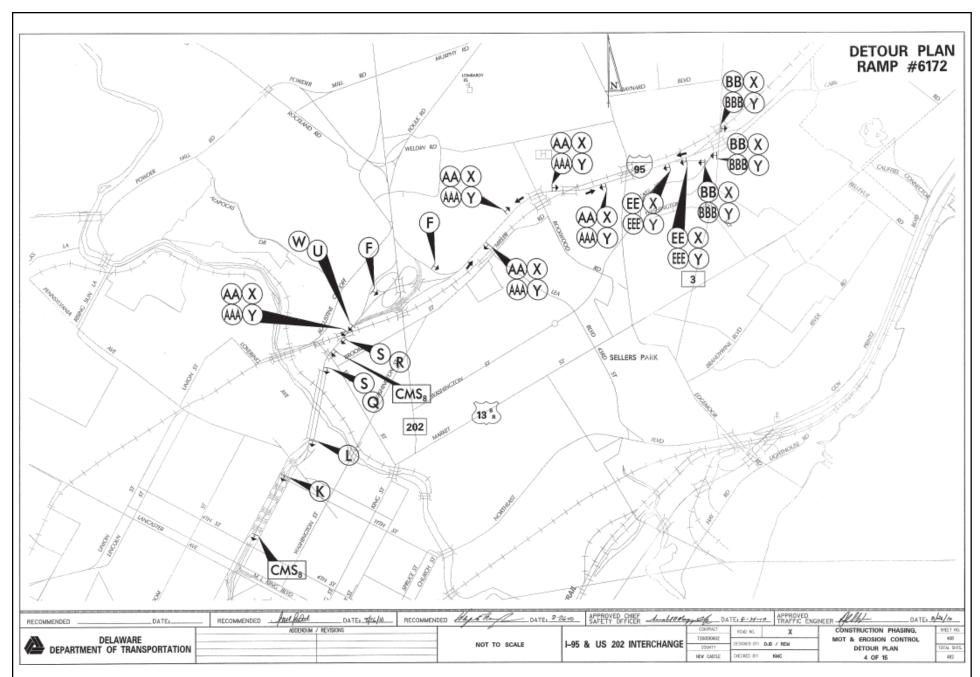




Close & detour Ramps 2 and 5

Phase 2, Stage 1 Work Areas





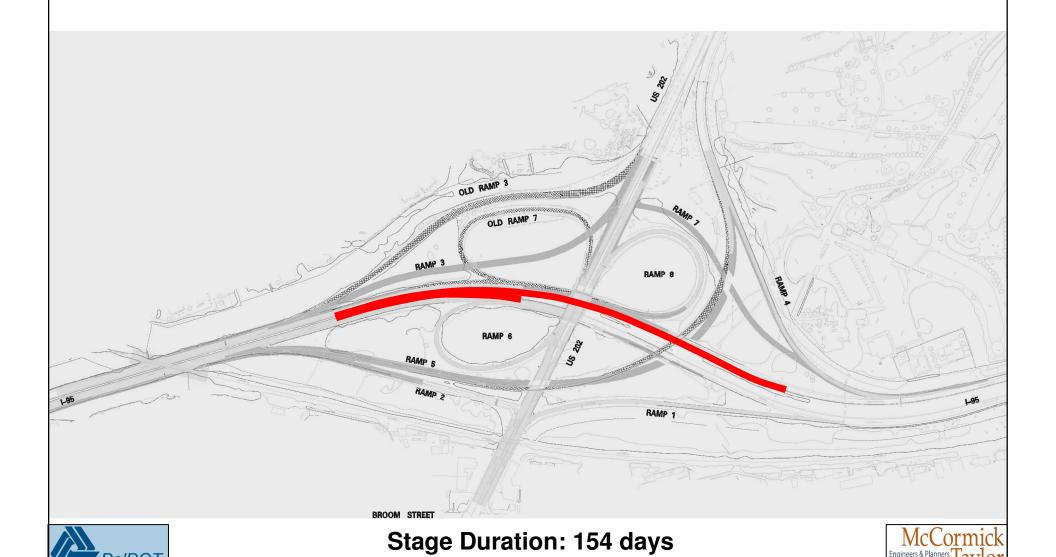






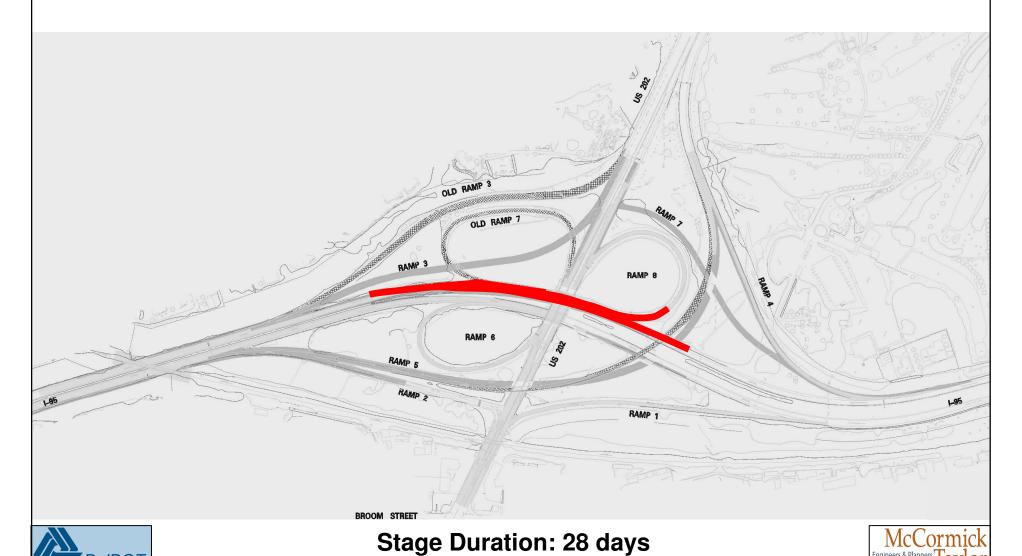
No road or ramp closures or detours

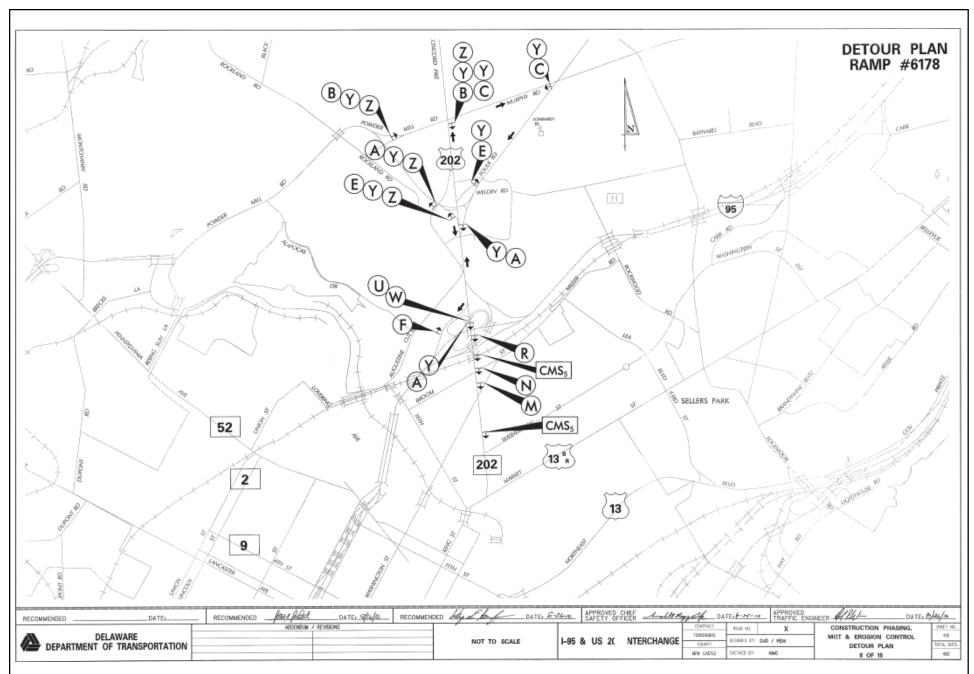
Phase 2, Stage 2 Work Areas



 Close & detour Ramp 8 (continuously for approx. one month)

Phase 2, Stage 3 Work Areas





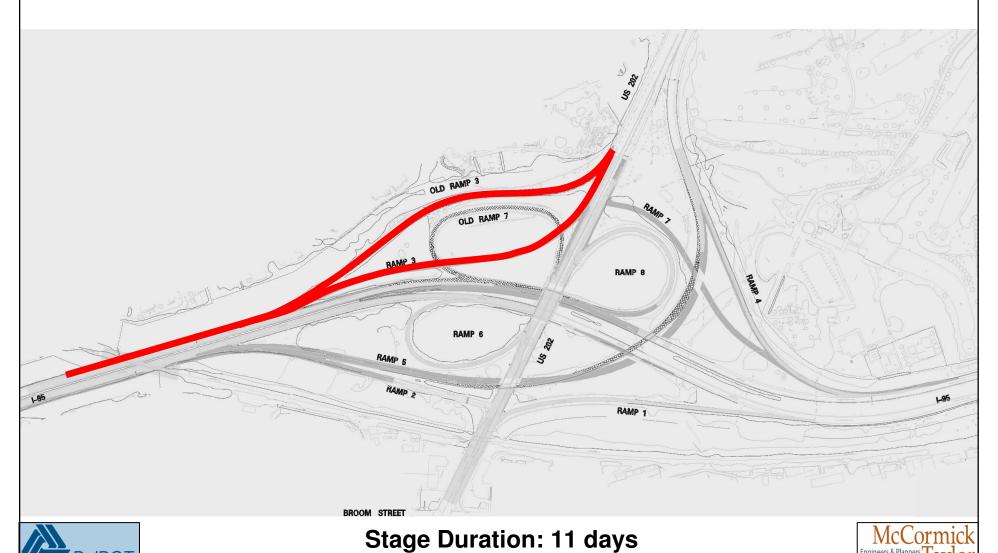


Ramp 8 Detour (only long-term detour in project)



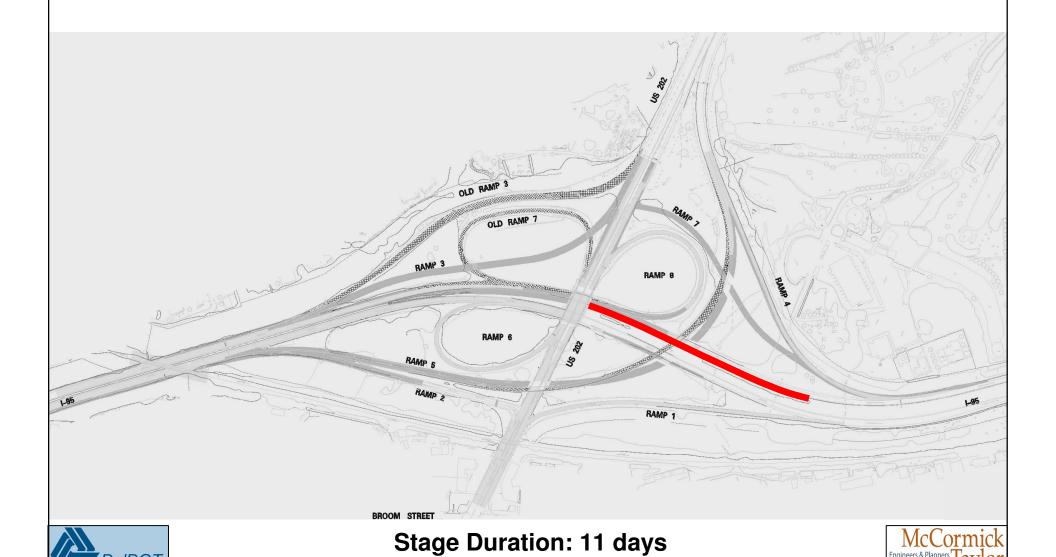
- No road or ramp closures or detours
- Open New Ramp 3 (remove Existing Ramp 3)

Phase 2, Stage 4 Work Areas



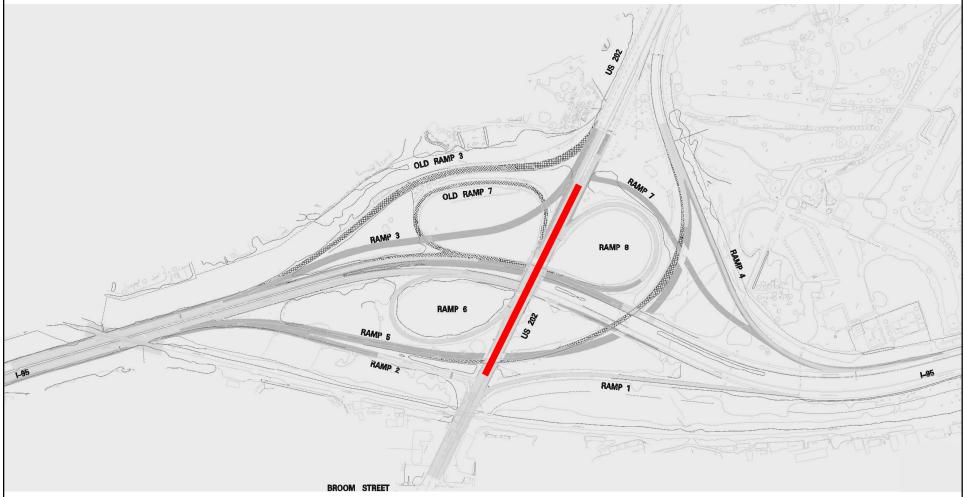
No road or ramp closures or detours

Phase 2, Stage 5 Work Areas



- No road or ramp closures or detours
- Lane and shoulder closures & lane shifts for US 202 median work

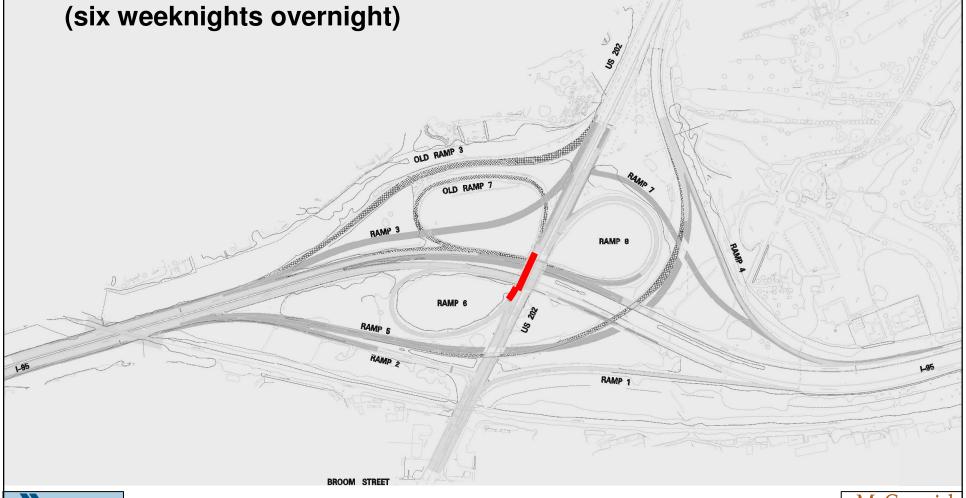
Phase 3, Stage 1 Work Areas



Stage Duration: 47 days

- Lane and shoulder closures & lane shifts (work on SB US 202)
- Close & detour I-95 and Ramps 6 & 8
 (six weeknights overnight)

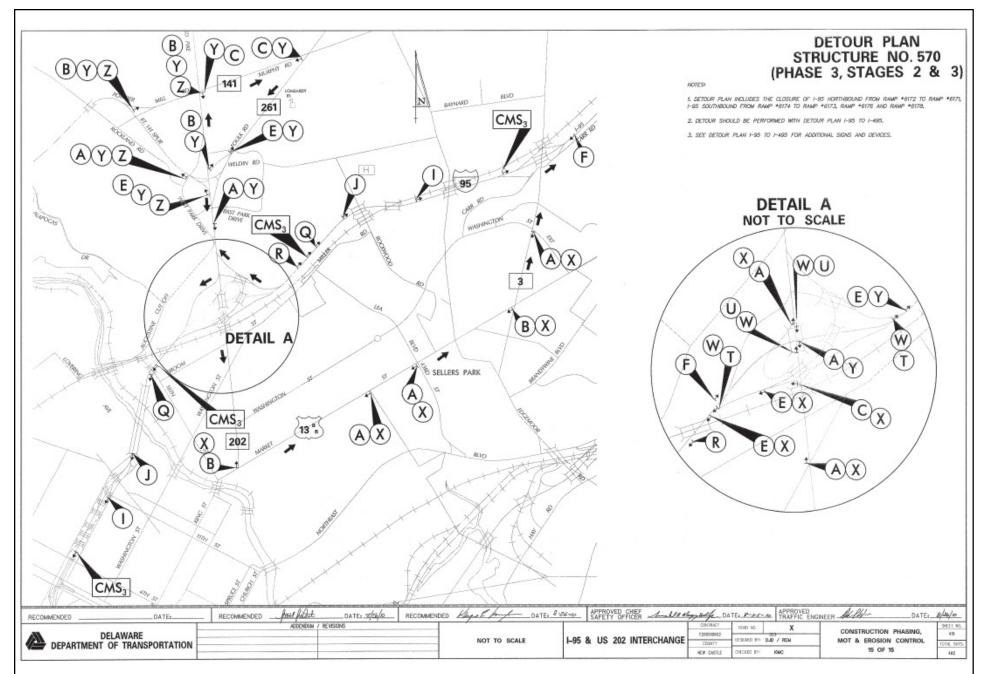
Phase 3, Stage 2 Work Areas





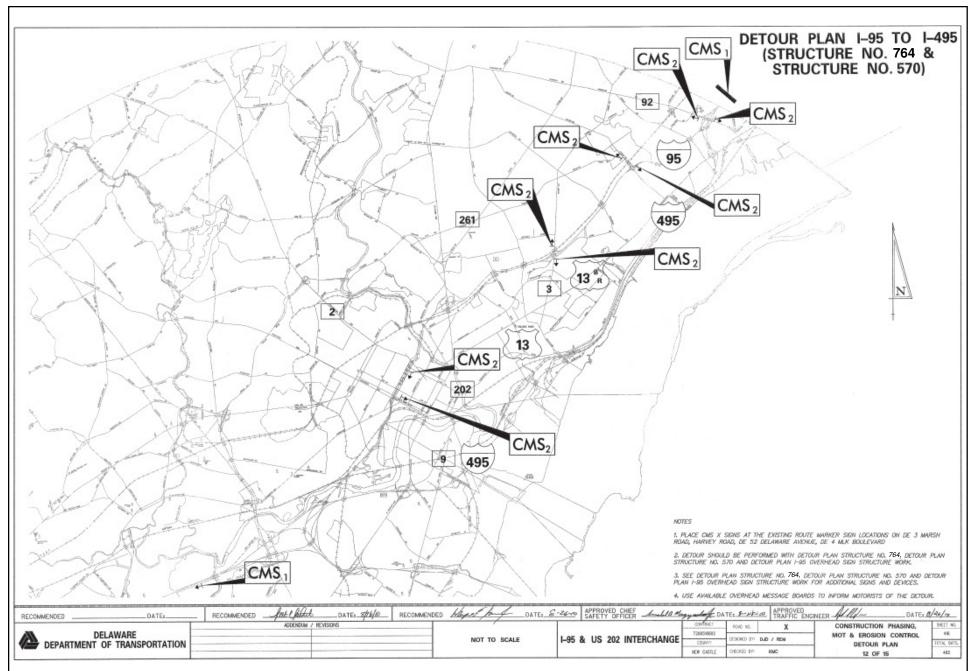
Stage Duration: 64 days













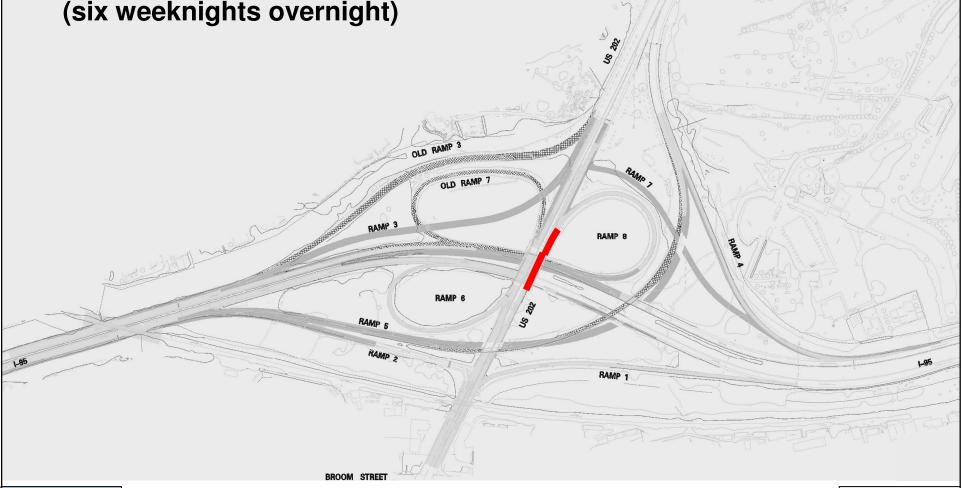




Lane and shoulder closures & lane shifts (work on NB US 202)

Phase 3, Stage 3 **Work Areas**

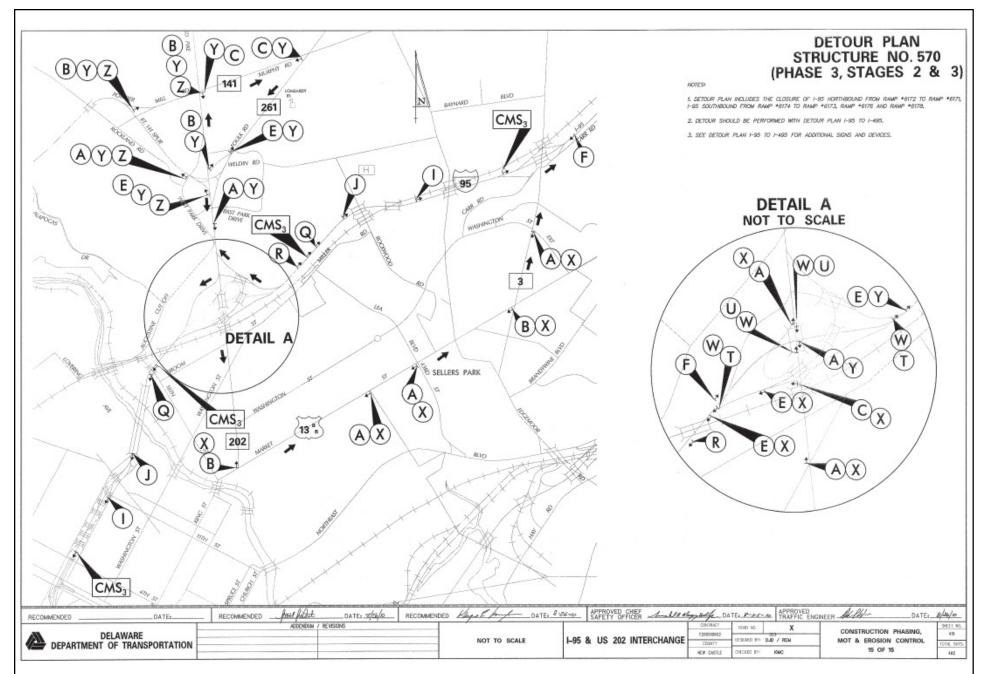
Close & detour I-95 and Ramps 6 & 8 (six weeknights overnight)





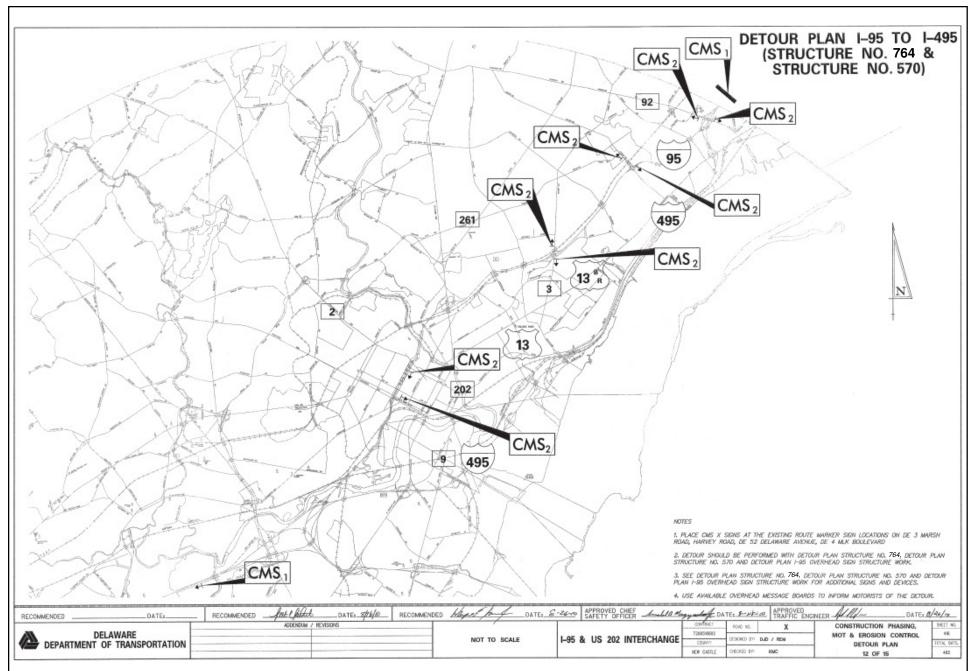
Stage Duration: 65 days











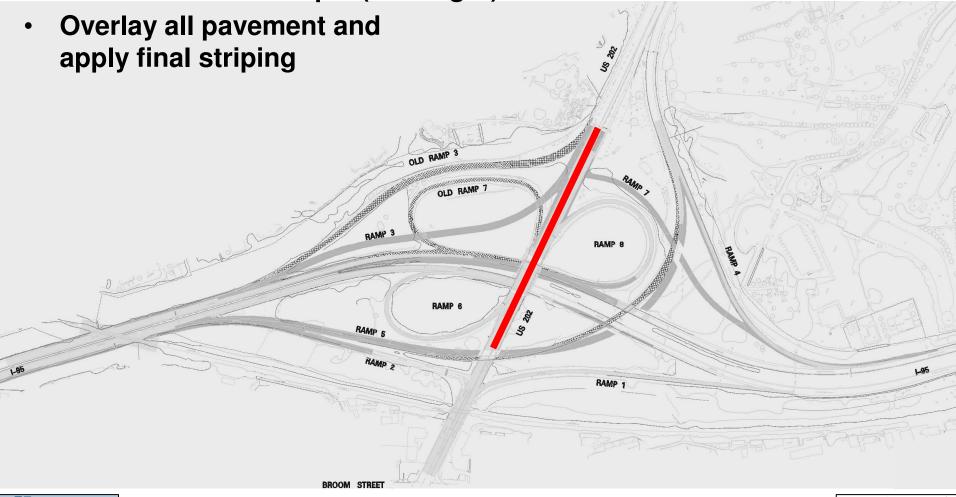






- Lane and shoulder closures & lane shifts for US 202 median work
- Close & detour Ramp 7 (overnight)

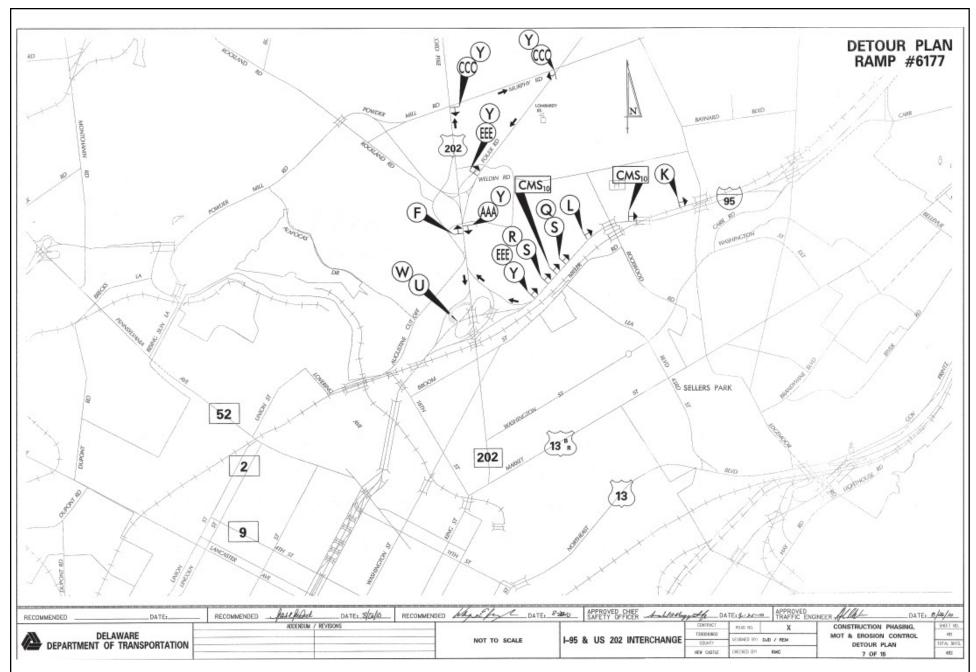
Phase 3, Stage 4 Work Areas





Stage Duration: 20 days







Relocated Ramp 7 Detour



- Communication / Coordination
 - Public Info
 - Operations Plan (strategies)
 - TMP Monitoring
- Incident Management
- Input / concerns / critical considerations
- Will come back to TMT to follow-up as construction begins



